Index of Claims

÷

Rejected

Allowed

| Appl | ication | Control | No. |
|------|---------|---------|-----|

10/529,392

Examiner

(Through numeral) Cancelled

Restricted

Applicant(s)/Patent under Reexamination

TAKASE ET AL.

Art Unit

1625

Taofiq A. Solola

Non-Elected Appeal N Α 0 Interference Objected

|          |  | L  |              |  |              |   |              |          | L            |                 |
|----------|--|--|--------------|--|--------------|---|--------------|----------|--------------|-----------------|
|          |  |  |              |  |              |   |              |          |              |                 |
| Cla      | Claim Date   |  |              |  |              |   |              |          |              |                 |
| Final    | Original   | 434  |              |  |              |   |              |          |              |                 |
|          |  | 87   |              |  |              |   | _            | _        | _            |                 |
|          | -  | 1  |              | <del> </del>                                     | ┝            | ┝   |              | -        | ⊢            | Н               |
|          |  | H  |              | <u> </u>   | ┝            | $\vdash$  | -            | <u> </u> | ⊢            | Н               |
|          | 3  | ╀  |              | <u> </u>   | _            | <u> </u>  |              | _        | <u> </u>     | Ш               |
| <u> </u> | 4  | H  | <u> </u>     | <u> </u>   | _            | <u> </u>  |              | L        |              | Ш               |
|          | 2  | 11   | _            | <u> </u>   | <u> </u>     | <u> </u>  |              | _        | <u> </u>     | Ш               |
| <u> </u> | 1<br>2<br>3<br>4<br>5<br>6<br>7  | H  | <u> </u>     | ┡  |              | <u> </u>  | <u> </u>     | <u> </u> | $\vdash$     | $\vdash$        |
|          |  | H  |              | <u> </u>   | _            |   | _            | _        | _            | Ш               |
|          | 9  | Н  | _            | <u> </u>   | <u> </u>     | <u> </u>  | _            | _        | _            | Ш               |
| <u> </u> |  |  | ļ.,_         | <u> </u>   | _            | <u> </u>  |              | <u> </u> |              | Ш               |
| -        | 10   | ビ  | _            |  | _            | ┝   | _            | _        | <u> </u>     | Н               |
|          | 12   | -  |              | <del> </del>                                     | $\vdash$     | <u> </u>  | ├—           | <u> </u> | $\vdash$     | H               |
| <u> </u> | 12   | $\vdash$   | <del> </del> | ⊢  | $\vdash$     | ├   |              | -        | -            | H               |
| -        | 14   |  | -            | $\vdash$   | $\vdash$     | $\vdash$  | $\vdash$     | <u> </u> | ├─           | $\vdash$        |
|          | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | <del>                                     </del> | _            | $\vdash$   | ┢═           | $\vdash$  | $\vdash$     | -        | <del> </del> | H               |
|          | 16   | ┢  |              |  | ┢            | $\vdash$  |              | $\vdash$ | $\vdash$     | Н               |
|          | 17   |  |              | $\vdash$   |              |   |              | Г        |              | П               |
|          | 18   |  |              |  |              |   |              |          |              | П               |
|          | 19   |  |              |  |              |   |              |          |              |                 |
|          | 20   | <u> </u>   |              | _  | _            | <u> </u>  |              |          |              |                 |
|          | 21   | <u> </u>   | _            | _  | <u> </u>     | <u> </u>  | _            |          | <u> </u>     | Ц               |
|          | 22   | -  | <u> </u>     | ├  | -            |   |              | <u> </u> |              | Н               |
|          | 24   | -  | _            | ⊢  |              | ├   | $\vdash$     |          |              | Н               |
|          | 24<br>25<br>26   | 一  | _            | <del> </del>                                     | $\vdash$     | $\vdash$  | <del> </del> |          | <u> </u>     | $\vdash$        |
|          | 26   |  |              | Г  |              |   |              |          |              | Н               |
|          | 27   |  |              |  |              |   |              |          |              |                 |
|          | 28<br>29   | _  |              |  |              |   |              |          |              |                 |
|          | 29   | _  |              | <u> </u>   | _            | $ldsymbol{ld}}}}}}$ |              |          |              | Ц               |
|          | 30   | _  |              | <u> </u>   | _            | <u> </u>  |              | _        |              | Ц               |
|          | 31<br>32   | <del> </del>                                     | _            |  | <u> </u>     | ┝   | _            | _        | $\vdash$     | Н               |
| -        | 32   | ┝  |              | -  | -            | ┢   | $\vdash$     | H        | $\vdash$     | Н               |
|          | 33<br>34   | $\vdash$   |              | $\vdash$   | $\vdash$     | -   | $\vdash$     | -        | ┢            | $\dashv$        |
|          | 35   |  | -            |  |              | ┢   | $\vdash$     |          | Н            | $\dashv$        |
|          | 36   |  |              |  | Г            | П   |              |          | Г            | $\sqcap$        |
|          | 36<br>37   |  |              |  |              |   |              |          |              |                 |
|          | 38   | <u> </u>   | L            | _  |              |   |              |          |              |                 |
| <u> </u> | 39   | <u> </u>   | _            | _  | _            | L   | <u> </u>     | _        | _            | Ш               |
| -        | 40<br>41   | -  | _            | $\vdash$   | <u> </u>     | -   | -            | ļ        | <u> </u>     | $\vdash \vdash$ |
|          | 42   | <del>  -  </del>                                 | <b>-</b>     | -  | <del> </del> | <del></del>   | $\vdash$     | _        | -            | $\vdash$        |
|          | 43   |  | _            | <del>                                     </del> | $\vdash$     |   | -            | _        | -            | $\vdash$        |
|          | 44   |  |              |  |              | П   | _            | $\vdash$ | Т            | H               |
|          | 45   |  |              |  |              |   |              |          |              |                 |
|          | 46   |  |              | 匚  |              |   |              |          |              |                 |
| <u> </u> | 47   | <u> </u>   | L            | <u> </u>   |              | L   |              | L        | $oxed{\Box}$ | Щ               |
| <u> </u> | 48   | <b> </b>   |              | <u> </u>   | <u> </u>     | L   | <u> </u>     | <u> </u> | $\vdash$     | Щ               |
| -        | 49   | <del> </del>                                     | <u> </u>     |  | ⊢            | <u> </u>  | <u> </u>     | <u> </u> | ⊢-           | Н               |
| L        | 50   | L  | L            | L_   | İ            |   | l            | <u> </u> | l            |                 |

|          |                | B-4-          |          |  |          |  |          |          |              |          |
|----------|----------------|---------------|----------|--|----------|--|----------|----------|--------------|----------|
| Cla      |                | Date          |          |  |          |  |          |          |              |          |
| Final    | Original       |               |          |  |          |  |          |          |              |          |
|          | 51<br>52       |               |          |  |          |  |          |          |              |          |
|          | 52             |               |          |  |          |  |          |          |              |          |
|          | 53             |               |          |  |          |  |          |          |              |          |
|          | 53<br>54       | L.            |          | _  |          |  |          | L        | L            |          |
|          | 55             | _             |          |  |          |  | _        | _        |              | Ш        |
|          | 56<br>57       | L             |          |  | <u> </u> | _  | L        |          |              | Ш        |
|          | 57             | <u> </u>      |          | -  | <u> </u> | <u> </u>   | <u> </u> |          | <u> </u>     | Ш        |
|          | 58             | <u> </u>      | <u> </u> | -  | ļ        |  | <u> </u> | _        | L            | Н        |
|          | 59<br>60       | <del> </del>  |          | ┝  | <u> </u> | -  | <u> </u> | _        | H            | Н        |
| <u> </u> | 61             | -             | _        | ⊢  |          | -  | ⊢        | -        | ┝            | Н        |
|          | 62             |               | $\vdash$ | -  | _        | -  | $\vdash$ | -        | <del> </del> | Н        |
|          | 62<br>63       | ┝             | $\vdash$ | -  |          |  | ⊢        |          |              | Н        |
|          | 64             |               |          | $\vdash$   | ┢        | $\vdash$   | ┢        | -        |              | Н        |
|          | 65             | $\vdash$      |          | _  | $\vdash$ |  | $\vdash$ |          | -            | Н        |
|          | 66             | -             |          | $\vdash$   | $\vdash$ |  |          |          | -            | Н        |
|          | 67             |               |          |  |          |  |          |          |              | П        |
|          | 68<br>69       |               |          |  |          |  |          |          |              |          |
|          | 69             | $\overline{}$ |          |  |          |  |          |          |              |          |
|          | 70<br>71<br>72 |               |          |  |          |  |          |          |              |          |
|          | 71             | L.            |          | <u> </u>   |          | _  | _        |          | L.           | Ш        |
|          | 72             | <u> </u>      | _        | _  | _        |  |          |          | _            | Ш        |
|          | 73<br>74<br>75 | <u> </u>      | _        | <u> </u>   | <u> </u> | _  | _        |          | _            |          |
|          | 75             | <u> </u>      | _        | -  | <u> </u> | _  | <u> </u> | <u> </u> |              | Н        |
|          | 76             | $\vdash$      | _        | $\vdash$   | ⊢        | -  | _        |          | _            | Н        |
|          | 77             | $\vdash$      | -        | ⊢  | $\vdash$ | _  | -        |          | $\vdash$     | Н        |
|          | 76<br>77<br>78 | ┝             | $\vdash$ | -  | ┢        | -  | -        |          |              | $\vdash$ |
|          | 79             | $\vdash$      | -        | <del>                                     </del> | <u> </u> |  | ├        | _        | $\vdash$     | Н        |
|          | 80             | _             |          | -  | $\vdash$ | _  |          | _        |              | Н        |
|          | 81             |               |          |  | Т        |  |          |          |              | Н        |
|          | 82             |               |          |  |          |  | $\Box$   |          |              | П        |
|          | 82<br>83       |               |          |  |          |  |          |          |              |          |
|          | 84             |               |          |  |          |  |          |          |              |          |
|          | 85             |               |          |  | L        |  | _        |          |              | Ш        |
|          | 86             |               |          |  | _        | <u> </u>   | _        | _        |              | Ш        |
|          | 87             | _             | _        | _  | <u> </u> |  |          |          |              |          |
|          | 88<br>89       |               |          | $\vdash$   | $\vdash$ | _  |          | _        | <u> </u>     | Ш        |
| -        |                | _             |          | $\vdash$   | _        |  | <u> </u> |          |              |          |
| ·        | 90             |               |          |  | $\vdash$ | $\vdash$   | _        | _        | _            | Н        |
| -        | 92             | <u> </u>      | -        | $\vdash$   | <u> </u> | <del>                                     </del> | <u> </u> | _        | <del> </del> | Н        |
| -        | 93             | -             |          | $\vdash$   | -        | $\vdash$   | -        | $\vdash$ |              | 2        |
| -        | 94             |               |          |  | $\vdash$ |  |          | -        |              | -        |
|          | 95             |               |          | Н  | -        |  |          | $\vdash$ | Н            | Н        |
|          | 96             |               |          | Г  |          |  |          | _        |              | Н        |
|          | 97             |               |          |  |          |  |          |          |              |          |
|          | 98             |               |          |  |          |  |          |          |              |          |
|          | 00             |               |          | . 7  |          | . 7  |          |          |              |          |

99 100

| CI                                     | aim                      |          |          |              |          | Date   | <del></del>  |              |              |                                     |
|--|--------------------------|----------|----------|--------------|----------|--|--------------|--------------|--------------|-------------------------------------|
|  |                          |          |          |              |          |  | П            |              |              |                                     |
| Final                                  | Original                 |          |          |              |          | •  |              |              |              |                                     |
|  | 101<br>102               |          |          |              |          |  | Г            |              | $\vdash$     |                                     |
|  | 102                      |          |          |              |          |  |              |              |              |                                     |
|  | 103                      |          |          |              |          |  |              |              |              |                                     |
|  | 104                      | <u> </u> |          |              |          |  |              |              |              |                                     |
|  | 103<br>104<br>105        | <u> </u> |          | <u></u>      |          |  |              |              |              |                                     |
|  | 106                      | _        |          | <u> </u>     |          | _  | _            | L_           |              | $oxed{oxed}$                        |
|  | 107                      | _        |          | _            |          | _  |              | _            | <u> </u>     |                                     |
|  | 108                      | <u> </u> |          | _            | _        | _  | <u> </u>     | _            |              |                                     |
|  | 109                      | _        |          | <u> </u>     | _        | <u> </u>   | _            | <u> </u>     | ⊢            |                                     |
|  | 110<br>111               | _        | _        | -            | _        | _  | _            | ├—           | _            | $\vdash$                            |
|  | 112                      | -        | _        | -            |          | ⊢  | $\vdash$     | <del> </del> |              | $\vdash$                            |
|  | 112                      | $\vdash$ | -        | -            | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$                            |
|  | 114                      | $\vdash$ | -        | -            | -        | -  | $\vdash$     | -            | $\vdash$     | $\vdash$                            |
| $\vdash$                               | 113<br>114<br>115        | $\vdash$ | <u> </u> | $\vdash$     | -        | <del>                                     </del> | $\vdash$     | $\vdash$     | $\vdash$     |                                     |
|  | 116<br>117<br>118        | $\vdash$ |          | T            |          | <del>                                     </del> |              | $\vdash$     | $\vdash$     |                                     |
|  | 117                      |          |          | <u> </u>     | _        | $\vdash$   | Г            |              |              |                                     |
|  | 118                      |          |          |              |          |  |              |              |              |                                     |
|  | 1119                     |          |          |              |          |  |              |              |              |                                     |
|  | 120                      |          |          |              |          |  |              |              |              |                                     |
|  | 121<br>122               |          |          |              |          |  |              |              |              |                                     |
|  | 122                      |          |          | <u> </u>     |          |  |              |              |              |                                     |
|  | 123                      | _        |          | _            | _        | <u> </u>   | <u> </u>     |              |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |
| <u> </u>                               | 124<br>125               | _        |          | _            | _        | <u> </u>   | <u> </u>     |              | _            | <u> </u>                            |
|  | 125                      | <u> </u> | _        | <u> </u>     |          |  | <u> </u>     | _            | _            | _                                   |
|  | 126                      | _        |          | -            | _        |  | _            | <u> </u>     | ļ            |                                     |
|  | 127                      |          | _        | -            |          | _  | <u> </u>     | <u> </u>     |              |                                     |
|  | 127<br>128<br>129<br>130 | -        | _        | -            | _        |  | ├            | -            | _            |                                     |
|  | 130                      | -        |          | -            | _        | $\vdash$   | $\vdash$     | -            | <del> </del> | $\vdash$                            |
|  | 131                      | -        |          | -            | _        | $\vdash$   | $\vdash$     | ⊢            | $\vdash$     | $\vdash$                            |
| <del> </del>                           | 132                      |          |          |              |          |  | <del> </del> | ┢            | ┢            | -                                   |
|  | 133                      |          |          | $\vdash$     |          |  |              |              | _            | $\vdash$                            |
|  | 133<br>134               | $\vdash$ |          |              |          |  | _            | Н            | 一            |                                     |
|  | 135                      | Т        | Г        |              |          | Г  | $\vdash$     | _            |              | <b> </b>                            |
|  | 136                      |          | П        |              | Т        | Г  |              | Г            |              |                                     |
|  | 136<br>137               |          |          |              |          |  |              |              |              |                                     |
|  | 138                      |          | 匚        |              |          |  |              |              |              |                                     |
|  | 139<br>140               |          | 匚        |              |          |  |              |              |              |                                     |
| <u> </u>                               |                          | _        | L        |              | _        | $\Box$   |              |              | <u> </u>     | $\Box$                              |
| <u> </u>                               | 141                      | L        | <u> </u> | <u> </u>     | _        | <u> </u>   | <u> </u>     |              | <u> </u>     | L                                   |
| <u> </u>                               | 142                      | $\vdash$ | <u> </u> | <u> </u>     | _        | $\vdash$   | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>                            |
|  | 143                      | Ь.       | $\vdash$ | $\vdash$     | <u> </u> |  |              | <u> </u>     | $\vdash$     | $\vdash$                            |
| <u> </u>                               | 144                      | _        | $\vdash$ | ⊢            | <u> </u> | <u> </u>   | <u> </u>     | <u> </u>     | ├            | $\vdash$                            |
| $\vdash$                               | 145<br>146               | -        | -        | _            | -        | $\vdash$   | <u> </u>     |              | ┝            | -                                   |
| <del> </del>                           | 147                      | $\vdash$ | $\vdash$ | $\vdash$     | -        | $\vdash$   |              | -            | $\vdash$     | <del> </del>                        |
| <u> </u>                               | 148                      | $\vdash$ | $\vdash$ | <u> </u>     | -        | $\vdash$   | $\vdash$     |              | $\vdash$     | $\vdash$                            |
| <u> </u>                               | 149                      | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | Н  | $\vdash$     | _            | $\vdash$     | $\vdash$                            |
| $\vdash$                               | 150                      | $\vdash$ | $\vdash$ | <del> </del> | _        | H  | <u> </u>     |              | ┢            | H                                   |
| ــــــــــــــــــــــــــــــــــــــ |                          |          | Ц.,_     | t            | L        |  | ш            |              | Щ            |                                     |